#9

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/527,257A
Source: PCT
Date Processed by STIC: 5/23/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

PCT

RAW SEQUENCE LISTING DATE: 05/23/2006
PATENT APPLICATION: **US/10/527,257A** TIME: 14:00:13

Input Set : **A:\186353 US - Sequence Listing - 10 527,257.txt**
Output Set: **N:\CRF4\05232006\J527257A.raw**

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      3 <110> APPLICANT: Wu, Jun
      4       Luo, Ying
      6 <120> TITLE OF INVENTION: TUMOR TAG AND THE USE THEREOF
      8 <130> FILE REFERENCE: 024455
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/527,257A
C--> 10 <141> CURRENT FILING DATE: 2005-03-09
     10 <160> NUMBER OF SEQ ID NOS: 9
     12 <170> SOFTWARE: PatentIn version 3.1
     14 <210> SEQ ID NO: 1
     15 <211> LENGTH: 720
     16 <212> TYPE: DNA
     17 <213> ORGANISM: Homo sapiens
     19 <220> FEATURE:
     20 <221> NAME/KEY: CDS
     21 <222> LOCATION: (1)..(639)
     22 <223> OTHER INFORMATION:
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     26 atg gca gcg gcc gcc agc ccc gcg ttc ctt cta cgc ctc ccg ctt ctg       48
     27 Met Ala Ala Ala Ala Ser Pro Ala Phe Leu Leu Arg Leu Pro Leu Leu
     28 1               5                   10                  15
     30 ctc ctg ctg tcc agc tgg tgc agg acc ggg ctg gcc gac cct cac tct       96
     31 Leu Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser
     32             20                  25                  30
     34 ctt tgc tat gac atc acc gtc atc cct aag ttc aga cct gga cca cgg      144
     35 Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
     36         35                  40                  45
     38 tgg tgt gcg gtt caa ggc cag gtg gat gaa aag act ttt ctt cac tat      192
     39 Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
     40     50                  55                  60
     42 gac tgt ggc agc aag aca gtc aca ccc gtc agt ccc ctg ggg aag aaa      240
     43 Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
     44 65                  70                  75                  80
     46 cta aat gtc aca acg gcc tgg aaa gca cag aac cca gta ctg aga gag      288
     47 Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
     48                 85                  90                  95
     50 gtg gtg gac ata ctt aca gag caa ctg ctt gac att cag ctg gag aat      336
     51 Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn
     52             100                 105                 110
     54 tac ata ccc aag gaa ccc ctc acc ctg cag gcc agg atg tct tgt gag      384
     55 Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
     56         115                 120                 125
     58 cag aaa gcc gaa gga cac ggc agt gga tct tgg cag ctc agt ttc gat      432
     59 Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp
```

pp 3,5

Does Not Comply
Corrected Diskette Needed

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Input Set : **A:\186353 US - Sequence Listing - 10 527,257.txt**
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60     130                 135                 140
62 gga cag atc ttc ctc ctc ttt gac tca gaa aac aga atg tgg aca acg      480
63 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
64 145                 150                 155                 160
66 gtt cat cct gga gcc aga aag atg aaa gaa aag tgg gag aat gac aag      528
67 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
68                 165                 170                 175
70 gat atg acc atg tcc ttc cat tac atc tca atg gga gac tgc aca gga      576
71 Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
72             180                 185                 190
74 tgg ctt gag gac ttc ttg atg ggc atg gac agc acc ctg gag cca agt      624
75 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
76         195                 200                 205
78 gca gga ggc aca gtc tgacccaaag ccatggccac caccctcagt ccctgcagcc      679
79 Ala Gly Gly Thr Val
80     210
82 tcctcctcat cctcccctgc ttcatcctcc ctggcatctg a                      720
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 213
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 2
92 Met Ala Ala Ala Ala Ser Pro Ala Phe Leu Leu Arg Leu Pro Leu Leu
93 1               5                  10                  15
96 Leu Leu Leu Ser Ser Trp Cys Arg Thr Gly Leu Ala Asp Pro His Ser
97             20                  25                  30
100 Leu Cys Tyr Asp Ile Thr Val Ile Pro Lys Phe Arg Pro Gly Pro Arg
101         35                  40                  45
104 Trp Cys Ala Val Gln Gly Gln Val Asp Glu Lys Thr Phe Leu His Tyr
105     50                  55                  60
108 Asp Cys Gly Ser Lys Thr Val Thr Pro Val Ser Pro Leu Gly Lys Lys
109 65                  70                  75                  80
112 Leu Asn Val Thr Thr Ala Trp Lys Ala Gln Asn Pro Val Leu Arg Glu
113                 85                  90                  95
116 Val Val Asp Ile Leu Thr Glu Gln Leu Leu Asp Ile Gln Leu Glu Asn
117             100                 105                 110
120 Tyr Ile Pro Lys Glu Pro Leu Thr Leu Gln Ala Arg Met Ser Cys Glu
121         115                 120                 125
124 Gln Lys Ala Glu Gly His Gly Ser Gly Ser Trp Gln Leu Ser Phe Asp
125     130                 135                 140
128 Gly Gln Ile Phe Leu Leu Phe Asp Ser Glu Asn Arg Met Trp Thr Thr
129 145                 150                 155                 160
132 Val His Pro Gly Ala Arg Lys Met Lys Glu Lys Trp Glu Asn Asp Lys
133                 165                 170                 175
136 Asp Met Thr Met Ser Phe His Tyr Ile Ser Met Gly Asp Cys Thr Gly
137             180                 185                 190
140 Trp Leu Glu Asp Phe Leu Met Gly Met Asp Ser Thr Leu Glu Pro Ser
141         195                 200                 205
144 Ala Gly Gly Thr Val
```

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Input Set : A:\186353 US - Sequence Listing - 10 527,257.txt
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145 210
148 <210> SEQ ID NO: 3
149 <211> LENGTH: 29 Artificial
150 <212> TYPE: DNA
C--> 151 <213> ORGANISM: artificial sequence → see p. 5 for error explanation
W--> 153 <220> FEATURE:
W--> 153 <223> OTHER INFORMATION:
W--> 153 <400> 3
154 cggaattcat ggcagcggcc gccagcccc 29
157 <210> SEQ ID NO: 4
158 <211> LENGTH: 30
159 <212> TYPE: DNA
160 <213> ORGANISM: artificial sequence
W--> 162 <220> FEATURE:
W--> 162 <223> OTHER INFORMATION:
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163 gccaagcttg atgccaggga ggatgaagca 30
166 <210> SEQ ID NO: 5
167 <211> LENGTH: 34
168 <212> TYPE: DNA
169 <213> ORGANISM: artificial sequence
W--> 171 <220> FEATURE:
W--> 171 <223> OTHER INFORMATION:
W--> 171 <400> 5
172 ccggaattcg accctcactc tctttgctat gaca 34
175 <210> SEQ ID NO: 6
176 <211> LENGTH: 30
177 <212> TYPE: DNA
178 <213> ORGANISM: artificial sequence
W--> 180 <220> FEATURE:
W--> 180 <223> OTHER INFORMATION:
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181 gccaagcttg atgccaggga ggatgaagca 30
184 <210> SEQ ID NO: 7
185 <211> LENGTH: 21
186 <212> TYPE: DNA
187 <213> ORGANISM: artificial sequence
W--> 189 <220> FEATURE:
W--> 189 <223> OTHER INFORMATION:
W--> 189 <400> 7
190 atggcagcgg ccgccagccc c 21
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 24
195 <212> TYPE: DNA
196 <213> ORGANISM: artificial sequence
W--> 198 <220> FEATURE:
W--> 198 <223> OTHER INFORMATION:
W--> 198 <400> 8
199 tcagatgcca gggaggatga agca 24

RAW SEQUENCE LISTING DATE: 05/23/2006
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Output Set: **N:\CRF4\05232006\J527257A.raw**

202 <210> SEQ ID NO: 9
203 <211> LENGTH: 742
204 <212> TYPE: DNA
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 9
208 atggcagcgg ccgccagccc cgcgttcctt ctacgcctcc cgcttctgct cctgctgtcc 60
210 agctggtgca ggaccgggct ggccgaccct cactctcttt gctatgacat caccgtcatc 120
212 cctaagttca gacctggacc acggtggtgt gcggttcaag gccaggtgga tgaaaagact 180
214 tttcttcact atgactgtgg cagcaagaca gtcacacccg tcagtcccct ggggaagaaa 240
216 ctaaatgtca caacggcctg gaaagcacag aacccagtac tgagagaggt ggtggacata 300
218 cttacagagc aactgcttga cattcagctg gagaattaca tacccaagga acccctcacc 360
220 ctgcaggcca ggatgtcttg tgagcagaaa gccgaaggac acggcagtgg atcttggcag 420
222 ctcagtttcg atggacagat cttcctcctc tttgactcag aaaacagaat gtggacaacg 480
224 gttcatcctg gagccagaaa gatgaaagaa aagtgggaga atgacaagga tatgaccatg 540
226 tccttccatt acatctcaat gggagactgc acaggatggc ttgaggactt cttgatgggc 600
228 atggacagca ccctggagcc aagtgcagga gcaccaccca ccatgtcctc aggcacagcc 660
230 caacccaggg ccacggccac caccctcatc ctttgctgcc tcctcatcat gtgtctcctc 720
232 atatgctcca ggcacagtct ga 742

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/23/2006
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Error Explanation

Use of <220> Feature(NEW RULES):
Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or"Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,4,5,6,7,8

Explanation goes on <2237 here.

e.g. <2207 ← no response. Include it as a "header" only.

<2237 ← Explanation

VERIFICATION SUMMARY DATE: 05/23/2006
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Input Set : **A:\186353 US - Sequence Listing - 10 527,257.txt**
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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:22
L:151 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:153 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213> ORGANISM:Artificial Sequence
L:153 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213> ORGANISM:Artificial Sequence
L:153 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:153
L:162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213> ORGANISM:artificial sequence
L:162 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213> ORGANISM:artificial sequence
L:162 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:162
L:171 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213> ORGANISM:artificial sequence
L:171 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213> ORGANISM:artificial sequence
L:171 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:171
L:180 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213> ORGANISM:artificial sequence
L:180 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213> ORGANISM:artificial sequence
L:180 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:180
L:189 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213> ORGANISM:artificial sequence
L:189 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213> ORGANISM:artificial sequence
L:189 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:189
L:198 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213> ORGANISM:artificial sequence
L:198 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213> ORGANISM:artificial sequence
L:198 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:198